```
=>
Uploading 09912163 (patel).str

L1      STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1              STR
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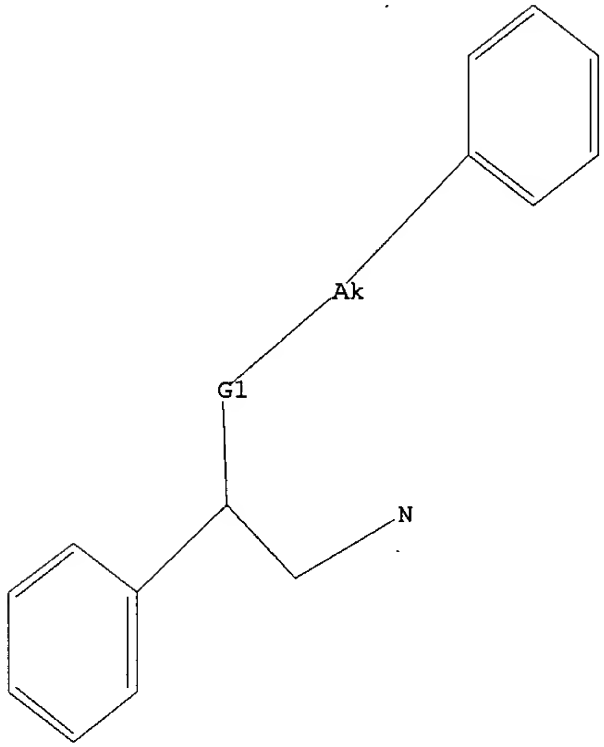


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G1 O,N


Structure attributes must be viewed using STN Express query preparation.


=> s l1 sss sam
SAMPLE SEARCH INITIATED 08:04:35 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -  16607 TO ITERATE

  6.0% PROCESSED    1000 ITERATIONS                          20 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:       324434 TO   339846
PROJECTED ANSWERS:            5549 TO     7735

L2           20 SEA SSS SAM L1

=>
```

```
Uploading 09912163 (patel).str

L3      STRUCTURE UPLOADED

=> d l3
L3 HAS NO ANSWERS
L3              STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY -  AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.


=> s l3 sss sam
SAMPLE SEARCH INITIATED 08:05:56 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -  14120 TO ITERATE

  7.1% PROCESSED    1000 ITERATIONS                                0 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:       275291 TO   289509
PROJECTED ANSWERS:               0 TO        0

L4            0 SEA SSS SAM L3

=> s l3 sss ful
FULL SEARCH INITIATED 08:06:09 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 281248 TO ITERATE

100.0% PROCESSED  281248 ITERATIONS                             81 ANSWERS
SEARCH TIME: 00.00.15

L5           81 SEA SSS FUL L3

=> s l5
L6          13 L5

=> d l6 1-13 bib,ab,hitstr
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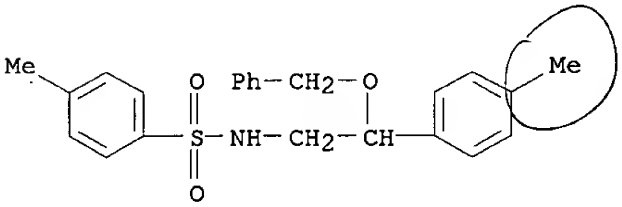
L6 ANSWER 1 OF 13 CAPLUS COPYRIGHT 2003 ACS
AN 2002:483428 CAPLUS
DN 137:384426
TI Montmorillonite clay catalyzed cleavage of aziridines with alcohols
AU Yadav, J. S.; Reddy, B. V. S.; Balanarsaiah, E.; Raghavendra, S.
CS Division of Organic Chemistry, Indian Institute of Chemical Technology, Hyderabad, 500007, India
SO Tetrahedron Letters (2002), 43(29), 5105-5107
CODEN: TELEAY; ISSN: 0040-4039
PB Elsevier Science Ltd.
DT Journal
LA English
OS CASREACT 137:384426
AB A variety of N-tosyl aziridines react smoothly with alcs. in the presence of montmorillonite KSF or Amberlyst-15 at ambient temp. to afford the corresponding .beta.-amino ethers in excellent yields with high selectivity.
IT **476171-15-0P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of .beta.-amino ethers by montmorillonite catalyzed cleavage of aziridines with alcs.)
RN 476171-15-0 CAPLUS
CN Benzenesulfonamide, 4-methyl-N-[2-(4-methylphenyl)-2-(phenylmethoxy)ethyl]- (9CI) (CA INDEX NAME)



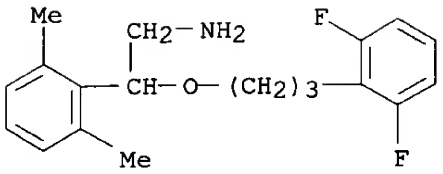
RE.CNT 21 THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 2 OF 13 CAPLUS COPYRIGHT 2003 ACS
AN 2002:157723 CAPLUS
DN 136:216523
TI Preparation of phenylethanol(mono/di)amines and phenylalkylethanol(mono/di)amines as sodium channel blockers
IN Fuchs, Klaus; Stransky, Werner; Grauert, Matthias; Carter, Adrian; Gaida, Wolfram; Weiser, Thomas; Ensinger, Helmut
PA Boehringer Ingelheim Pharma K.-G., Germany
SO PCT Int. Appl., 73 pp.
CODEN: PIXXD2
DT Patent
LA German
FAN.CNT 1

Appl. PCT

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2002016308	A1	20020228	WO 2001-EP9036	20010804
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
DE 10040901	A1	20020314	DE 2000-10040901	20000818
US 2002042410	A1	20020411	US 2001-912163	20010724 ←
AU 2001091737	A5	20020304	AU 2001-91737	20010804
EP 1311471	A1	20030521	EP 2001-971870	20010804
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
PRAI DE 2000-10040901	A	20000818		
US 2000-228675P	P	20000829		
WO 2001-EP9036	W	20010804		

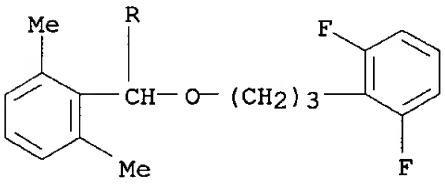
OS MARPAT 136:216523
AB Title compds. [I; R1 = OH, CF3, NO2, CN, halo, C1-8 alkyl, halo, C1-8 alkoxy; R2, R3, R4 independently = halo, C1-8 alkyl, OH, NO2, CN, C1-8 alkoxy, CF3; R5, R6 independently = C1-8 alkyl, C2-8 alkenyl, C3-8 alkynyl, C3-8 cycloalkyl, NH2, OH, O, COOH, CONH2; A = C1-5 alkylene, C2-4 alkenylene, C3-4 alkylene; X = NH, N(CHO), halo, O, etc.] are prepd. The invention further relates to a method for producing said compds. and to their compn. in use as medicaments. Title compds. I are used as blockers of the voltage-dependent sodium channel and can be used for diseases that are assocd. with a functional disorder caused by hyperexcitability. Thus, the title compd. II was prep. from trifluoroacetic anhydride, 2,6-dimethylbenzaldehyde, which was prepd. from 2-bromo-3-dimethylbenzene, and 2-(3-bromopropyl)-1,3-difluorobenzene, which was prepd. from di-Et malonate and 2,6-difluorobenzyl bromide.
IT **401938-15-6P**
RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
(prepn. of phenylethanolamines and phenylalkylethanolamines as sodium channel blockers)
RN 401938-15-6 CAPLUS
CN Benzeneethanamine, .beta.-[3-(2,6-difluorophenyl)propoxy]-2,6-dimethyl- (9CI) (CA INDEX NAME)

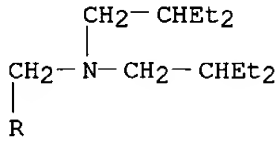


IT **401938-17-8P 401938-19-0P 401938-21-4P**
401938-23-6P 401938-29-2P 401938-31-6P
401938-33-8P 401938-35-0P 401938-36-1P
401938-38-3P 401938-42-9P 401938-45-2P
401938-49-6P 401938-51-0P 401938-53-2P
401938-55-4P 401938-57-6P 401938-59-8P
401938-61-2P 401938-63-4P 401938-67-8P
401938-69-0P 401938-71-4P 401938-73-6P
401938-75-8P 401938-77-0P 401938-79-2P
401939-43-3P 401939-45-5P 401939-49-9P
401939-51-3P 401939-53-5P 401939-54-6P
401939-55-7P 401939-56-8P 401939-58-0P
401939-60-4P 401939-62-6P 401939-64-8P
401939-66-0P 401939-68-2P 401939-70-6P
401939-72-8P 401939-74-0P 401939-76-2P
401939-78-4P 401939-80-8P 401939-82-0P
401939-84-2P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of phenylethanolamines and phenylalkylethanolamines as sodium channel blockers)

RN 401938-17-8 CAPLUS

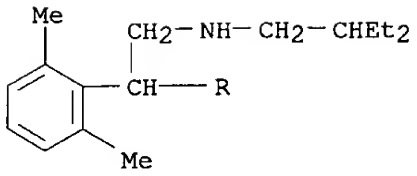
CN Benzeneethanamine, .beta.-[3-(2,6-difluorophenyl)propoxy]-N,N-bis(2-ethylbutyl)-2,6-dimethyl- (9CI) (CA INDEX NAME)

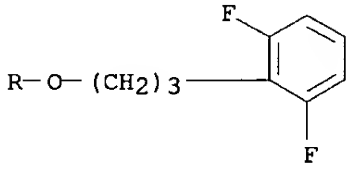




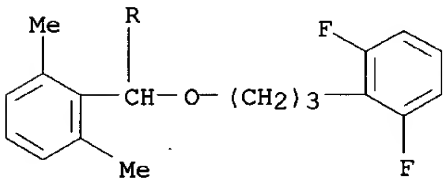
RN 401938-19-0 CAPLUS

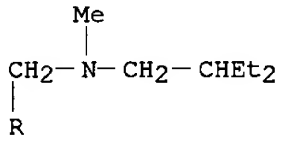
CN Benzeneethanamine, .beta.-[3-(2,6-difluorophenyl)propoxy]-N-(2-ethylbutyl)-2,6-dimethyl- (9CI) (CA INDEX NAME)



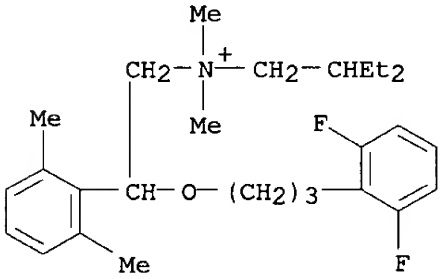


RN 401938-21-4 CAPLUS
CN Benzeneethanamine, .beta.-[3-(2,6-difluorophenyl)propoxy]-N-(2-ethylbutyl)-N,2,6-trimethyl- (9CI) (CA INDEX NAME)



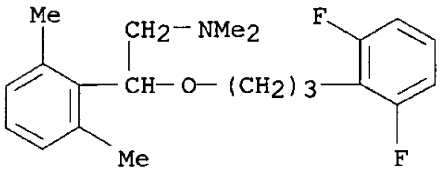


RN 401938-23-6 CAPLUS
CN Benzeneethanaminium, .beta.-[3-(2,6-difluorophenyl)propoxy]-N-(2-ethylbutyl)-N,N,2,6-tetramethyl-, iodide (9CI) (CA INDEX NAME)

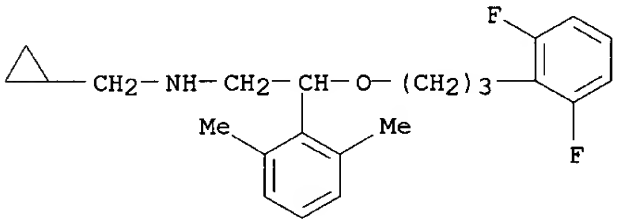


I^-

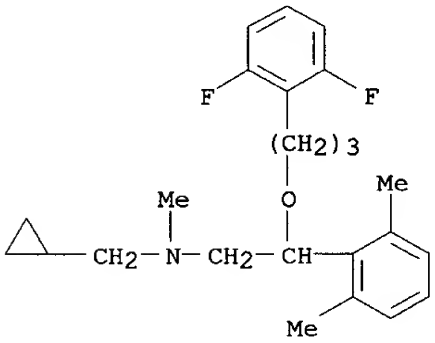
RN 401938-29-2 CAPLUS
CN Benzeneethanamine, .beta.-[3-(2,6-difluorophenyl)propoxy]-N,N,2,6-tetramethyl- (9CI) (CA INDEX NAME)



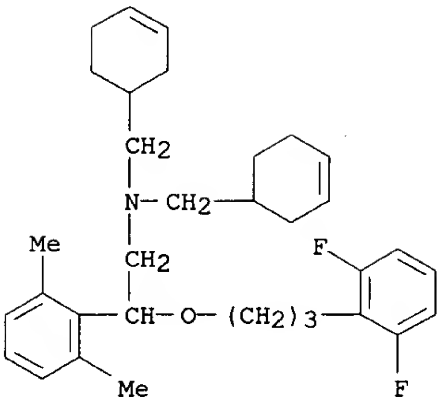
RN 401938-31-6 CAPLUS
CN Benzeneethanamine, N-(cyclopropylmethyl)-.beta.-[3-(2,6-difluorophenyl)propoxy]-2,6-dimethyl- (9CI) (CA INDEX NAME)



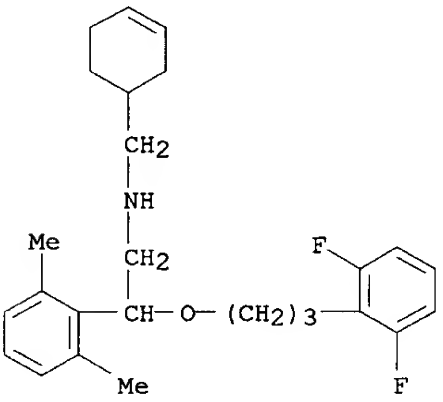
RN 401938-33-8 CAPLUS
CN Benzeneethanamine, N-(cyclopropylmethyl)-.beta.-[3-(2,6-difluorophenyl)propoxy]-N,2,6-trimethyl- (9CI) (CA INDEX NAME)



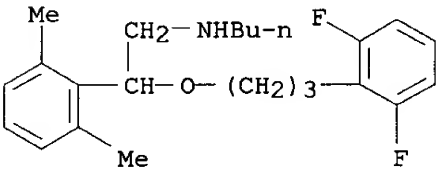
RN 401938-35-0 CAPLUS
CN Benzeneethanamine, N,N-bis(3-cyclohexen-1-ylmethyl)-.beta.-[3-(2,6-difluorophenyl)propoxy]-2,6-dimethyl- (9CI) (CA INDEX NAME)



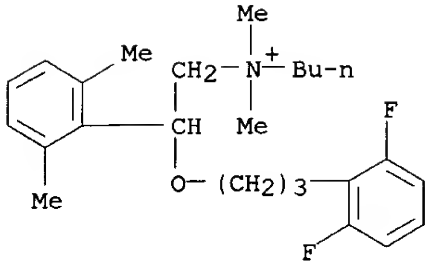
RN 401938-36-1 CAPLUS
CN Benzeneethanamine, N-(3-cyclohexen-1-ylmethyl)-.beta.-[3-(2,6-difluorophenyl)propoxy]-2,6-dimethyl- (9CI) (CA INDEX NAME)



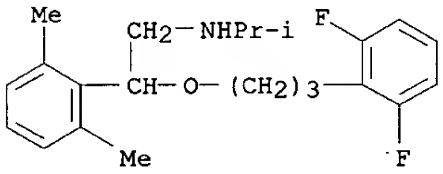
RN 401938-38-3 CAPLUS
CN Benzeneethanamine, N-butyl-.beta.-[3-(2,6-difluorophenyl)propoxy]-2,6-dimethyl- (9CI) (CA INDEX NAME)



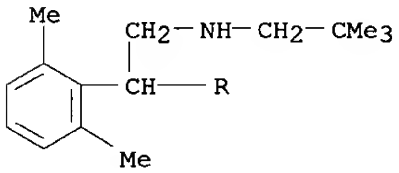
RN 401938-42-9 CAPLUS
CN Benzeneethanaminium, N-butyl-.beta.-[3-(2,6-difluorophenyl)propoxy]-N,N,2,6-tetramethyl-, iodide (9CI) (CA INDEX NAME)

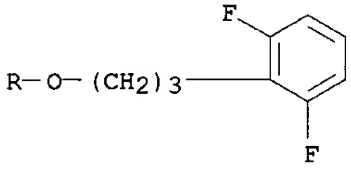


RN 401938-45-2 CAPLUS
CN Benzeneethanamine, .beta.-[3-(2,6-difluorophenyl)propoxy]-2,6-dimethyl-N-(1-methylethyl)- (9CI) (CA INDEX NAME)

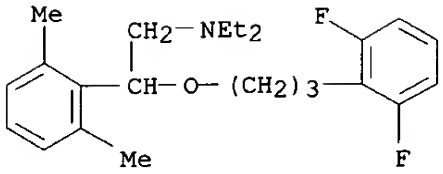


RN 401938-49-6 CAPLUS
CN Benzeneethanamine, .beta.-[3-(2,6-difluorophenyl)propoxy]-N-(2,2-dimethylpropyl)-2,6-dimethyl- (9CI) (CA INDEX NAME)

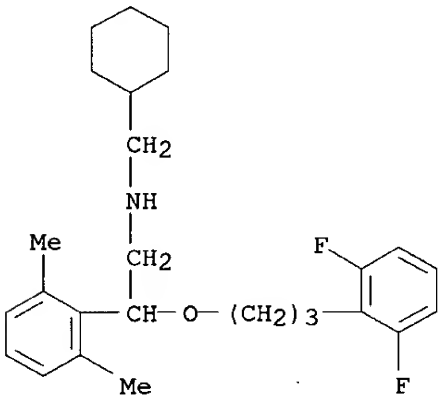




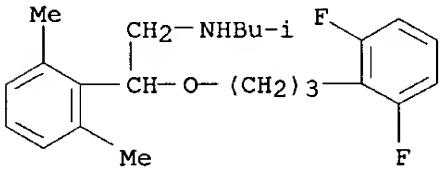
RN 401938-51-0 CAPLUS
CN Benzeneethanamine, .beta.-[3-(2,6-difluorophenyl)propoxy]-N,N-diethyl-2,6-dimethyl- (9CI) (CA INDEX NAME)



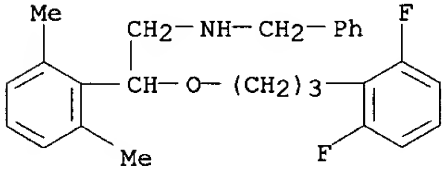
RN 401938-53-2 CAPLUS
CN Benzeneethanamine, N-(cyclohexylmethyl)-.beta.-[3-(2,6-difluorophenyl)propoxy]-2,6-dimethyl- (9CI) (CA INDEX NAME)



RN 401938-55-4 CAPLUS
CN Benzeneethanamine, .beta.-[3-(2,6-difluorophenyl)propoxy]-2,6-dimethyl-N-(2-methylpropyl)- (9CI) (CA INDEX NAME)

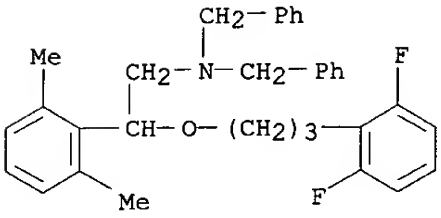


RN 401938-57-6 CAPLUS
CN Benzeneethanamine, .beta.-[3-(2,6-difluorophenyl)propoxy]-2,6-dimethyl-N-(phenylmethyl)- (9CI) (CA INDEX NAME)

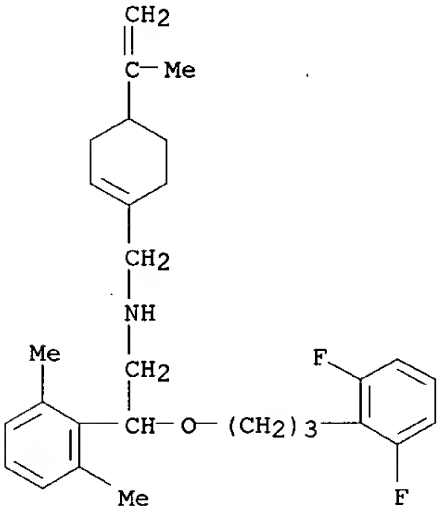


RN 401938-59-8 CAPLUS
CN Benzeneethanamine, .beta.-[3-(2,6-difluorophenyl)propoxy]-2,6-dimethyl-N,N-

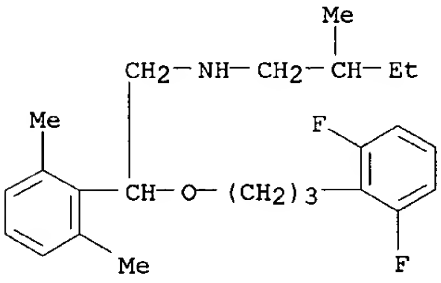
bis(phenylmethyl)- (9CI) (CA INDEX NAME)



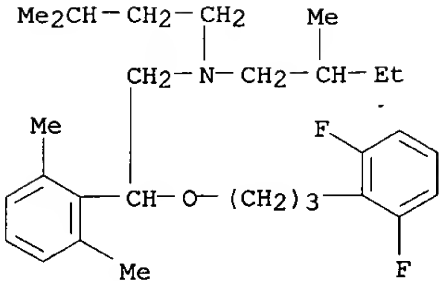
RN 401938-61-2 CAPLUS
CN Benzeneethanamine, .beta.-[3-(2,6-difluorophenyl)propoxy]-2,6-dimethyl-N-[[4-(1-methylethenyl)-1-cyclohexen-1-yl]methyl]- (9CI) (CA INDEX NAME)



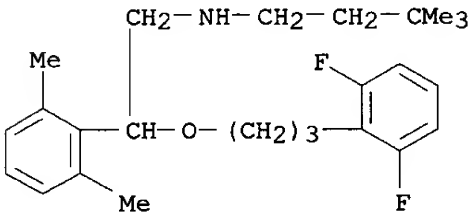
RN 401938-63-4 CAPLUS
CN Benzeneethanamine, .beta.-[3-(2,6-difluorophenyl)propoxy]-2,6-dimethyl-N-(2-methylbutyl)- (9CI) (CA INDEX NAME)



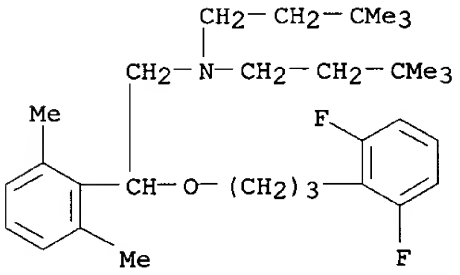
RN 401938-67-8 CAPLUS
CN Benzeneethanamine, .beta.-[3-(2,6-difluorophenyl)propoxy]-2,6-dimethyl-N-(2-methylbutyl)-N-(3-methylbutyl)- (9CI) (CA INDEX NAME)



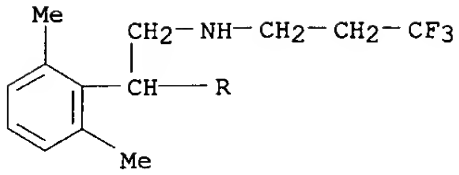
RN 401938-69-0 CAPLUS
CN Benzeneethanamine, .beta.-[3-(2,6-difluorophenyl)propoxy]-N-(3,3-dimethylbutyl)-2,6-dimethyl- (9CI) (CA INDEX NAME)

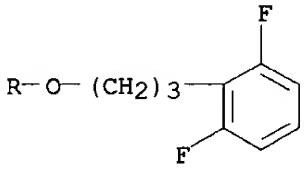


RN 401938-71-4 CAPLUS
CN Benzeneethanamine, .beta.-[3-(2,6-difluorophenyl)propoxy]-N,N-bis(3,3-dimethylbutyl)-2,6-dimethyl- (9CI) (CA INDEX NAME)

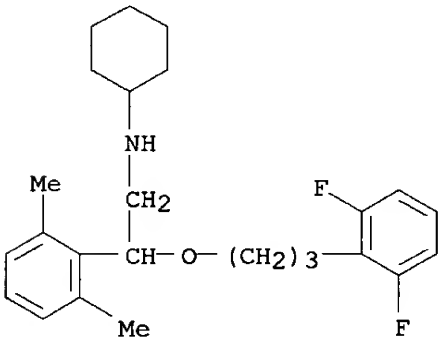


RN 401938-73-6 CAPLUS
CN Benzeneethanamine, .beta.-[3-(2,6-difluorophenyl)propoxy]-2,6-dimethyl-N-(3,3,3-trifluoropropyl)- (9CI) (CA INDEX NAME)

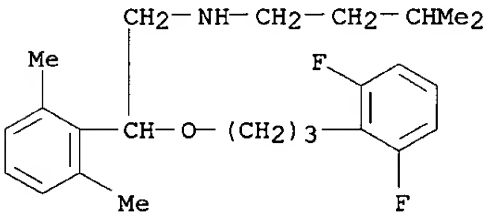




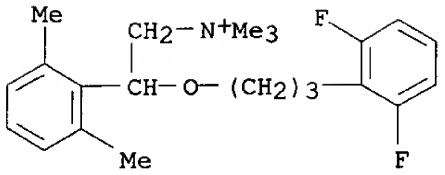
RN 401938-75-8 CAPLUS
CN Benzeneethanamine, N-cyclohexyl-.beta.-[3-(2,6-difluorophenyl)propoxy]-2,6-dimethyl- (9CI) (CA INDEX NAME)



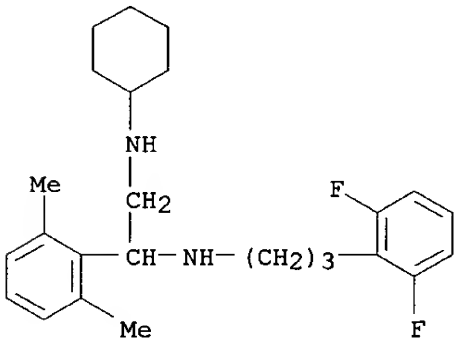
RN 401938-77-0 CAPLUS
CN Benzeneethanamine, .beta.-[3-(2,6-difluorophenyl)propoxy]-2,6-dimethyl-N-(3-methylbutyl)- (9CI) (CA INDEX NAME)



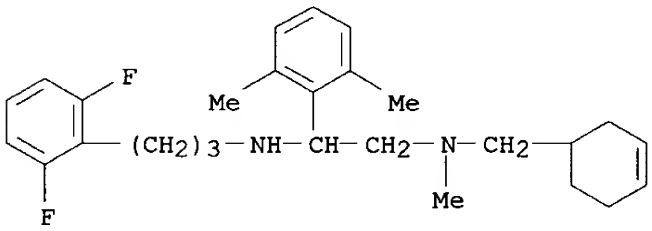
RN 401938-79-2 CAPLUS
CN Benzeneethanaminium, .beta.-[3-(2,6-difluorophenyl)propoxy]-N,N,N,2,6-pentamethyl-, iodide (9CI) (CA INDEX NAME)



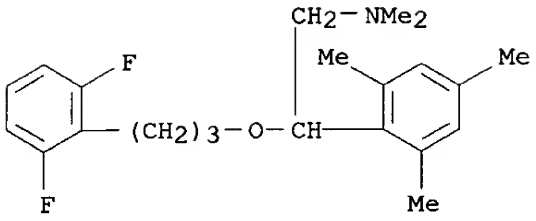
RN 401939-43-3 CAPLUS
CN 1,2-Ethanediamine, N2-cyclohexyl-N1-[3-(2,6-difluorophenyl)propyl]-1-(2,6-dimethylphenyl)- (9CI) (CA INDEX NAME)



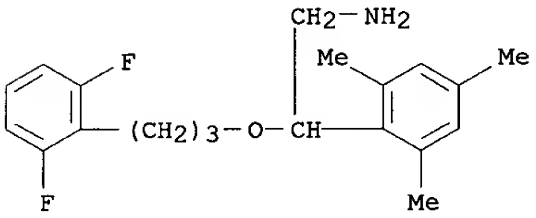
RN 401939-45-5 CAPLUS
CN 1,2-Ethanediamine, N2-(3-cyclohexen-1-ylmethyl)-N1-[3-(2,6-difluorophenyl)propyl]-1-(2,6-dimethylphenyl)-N2-methyl- (9CI) (CA INDEX NAME)



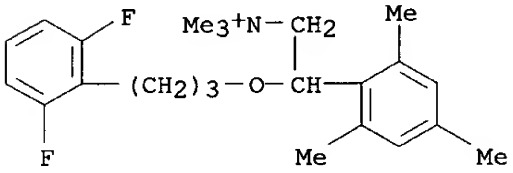
RN 401939-49-9 CAPLUS
CN Benzeneethanamine, .beta.-[3-(2,6-difluorophenyl)propoxy]-N,N,2,4,6-pentamethyl- (9CI) (CA INDEX NAME)



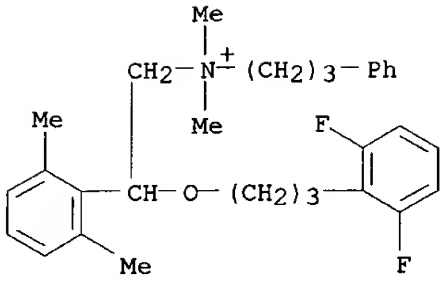
RN 401939-51-3 CAPLUS
CN Benzeneethanamine, .beta.-[3-(2,6-difluorophenyl)propoxy]-2,4,6-trimethyl- (9CI) (CA INDEX NAME)



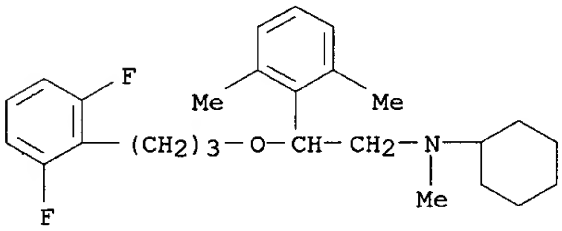
RN 401939-53-5 CAPLUS
CN Benzeneethanaminium, .beta.-[3-(2,6-difluorophenyl)propoxy]-N,N,N,2,4,6-hexamethyl-, iodide (9CI) (CA INDEX NAME)



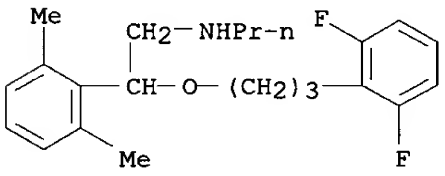
RN 401939-54-6 CAPLUS
CN Benzenepropanaminium, N-[2-[3-(2,6-difluorophenyl)propoxy]-2-(2,6-dimethylphenyl)ethyl]-N,N-dimethyl-, iodide (9CI) (CA INDEX NAME)



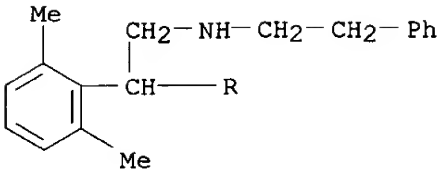
RN 401939-55-7 CAPLUS
CN Benzeneethanamine, N-cyclohexyl-.beta.-[3-(2,6-difluorophenyl)propoxy]-N,2,6-trimethyl- (9CI) (CA INDEX NAME)

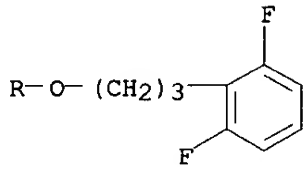


RN 401939-56-8 CAPLUS
CN Benzeneethanamine, .beta.-[3-(2,6-difluorophenyl)propoxy]-2,6-dimethyl-N-propyl- (9CI) (CA INDEX NAME)

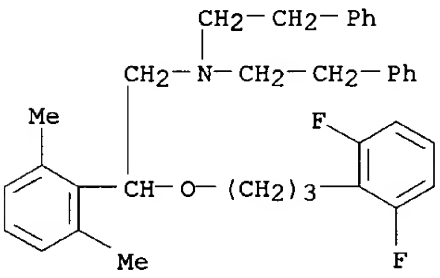


RN 401939-58-0 CAPLUS
CN Benzeneethanamine, .beta.-[3-(2,6-difluorophenyl)propoxy]-2,6-dimethyl-N-(2-phenylethyl)- (9CI) (CA INDEX NAME)

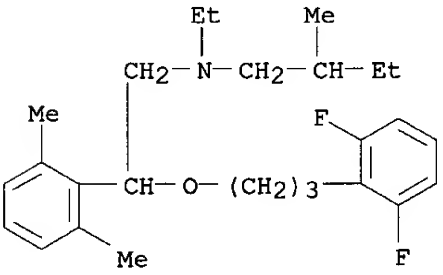




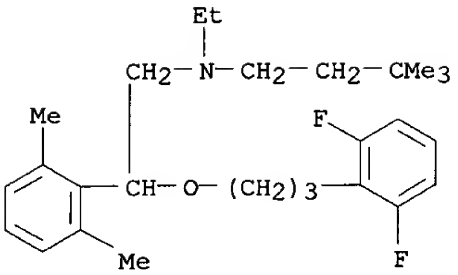
RN 401939-60-4 CAPLUS
CN Benzeneethanamine, .beta.-[3-(2,6-difluorophenyl)propoxy]-2,6-dimethyl-N,N-bis(2-phenylethyl)- (9CI) (CA INDEX NAME)



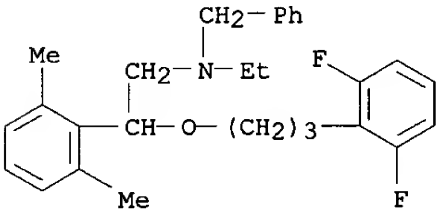
RN 401939-62-6 CAPLUS
CN Benzeneethanamine, .beta.-[3-(2,6-difluorophenyl)propoxy]-N-ethyl-2,6-dimethyl-N-(2-methylbutyl)- (9CI) (CA INDEX NAME)



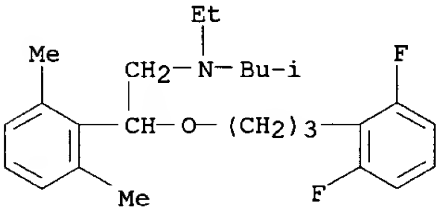
RN 401939-64-8 CAPLUS
CN Benzeneethanamine, .beta.-[3-(2,6-difluorophenyl)propoxy]-N-(3,3-dimethylbutyl)-N-ethyl-2,6-dimethyl- (9CI) (CA INDEX NAME)



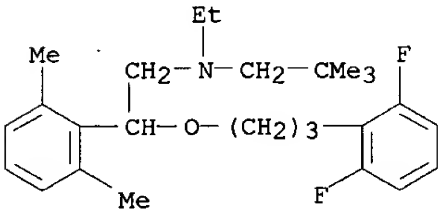
RN 401939-66-0 CAPLUS
CN Benzeneethanamine, .beta.-[3-(2,6-difluorophenyl)propoxy]-N-ethyl-2,6-dimethyl-N-(phenylmethyl)- (9CI) (CA INDEX NAME)



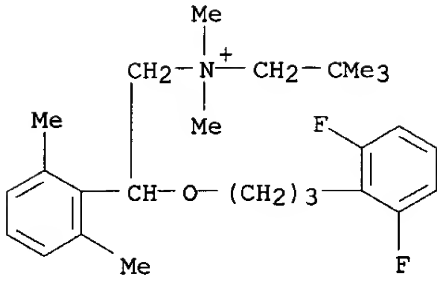
RN 401939-68-2 CAPLUS
CN Benzeneethanamine, .beta.-[3-(2,6-difluorophenyl)propoxy]-N-ethyl-2,6-dimethyl-N-(2-methylpropyl)- (9CI) (CA INDEX NAME)



RN 401939-70-6 CAPLUS
CN Benzeneethanamine, .beta.-[3-(2,6-difluorophenyl)propoxy]-N-(2,2-dimethylpropyl)-N-ethyl-2,6-dimethyl- (9CI) (CA INDEX NAME)

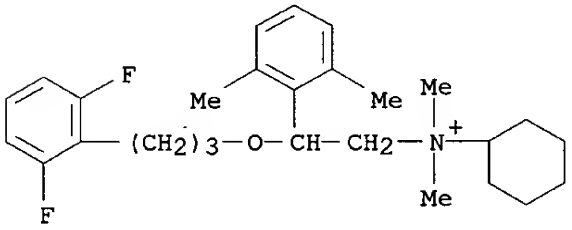


RN 401939-72-8 CAPLUS
CN Benzeneethanaminium, .beta.-[3-(2,6-difluorophenyl)propoxy]-N-(2,2-dimethylpropyl)-N,N,2,6-tetramethyl-, iodide (9CI) (CA INDEX NAME)



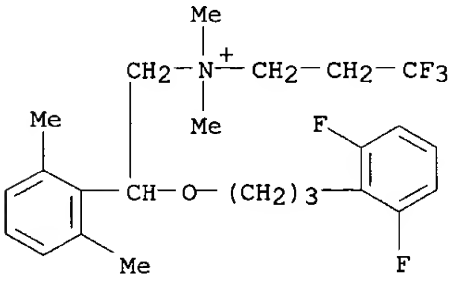
● I^-

RN 401939-74-0 CAPLUS
CN Benzeneethanaminium, N-cyclohexyl-.beta.-[3-(2,6-difluorophenyl)propoxy]-N,N,2,6-tetramethyl-, iodide (9CI) (CA INDEX NAME)



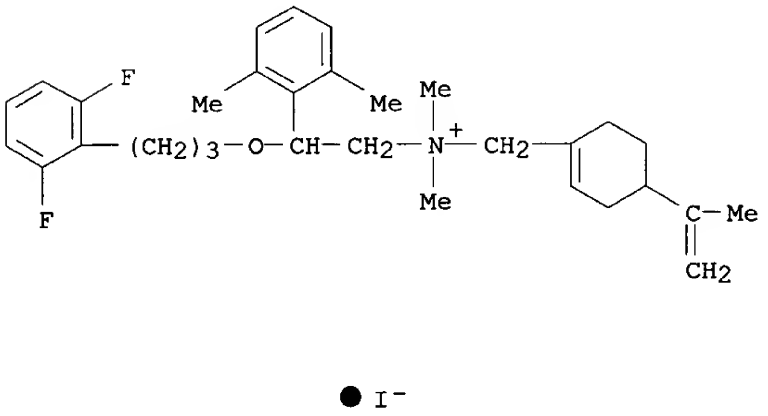
● I^-

RN 401939-76-2 CAPLUS
CN Benzeneethanaminium, .beta.-[3-(2,6-difluorophenyl)propoxy]-N,N,2,6-tetramethyl-N-(3,3,3-trifluoropropyl)-, iodide (9CI) (CA INDEX NAME)

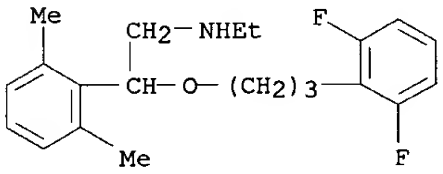


I^-

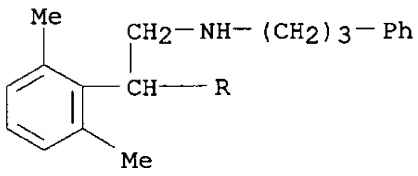
RN 401939-78-4 CAPLUS
CN Benzeneethanaminium, .beta.-[3-(2,6-difluorophenyl)propoxy]-N,N,2,6-tetramethyl-N-[[4-(1-methylethenyl)-1-cyclohexen-1-yl]methyl]-, iodide (9CI) (CA INDEX NAME)

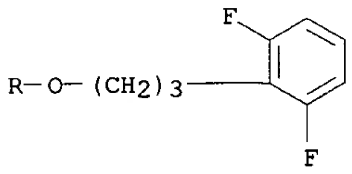


RN 401939-80-8 CAPLUS
CN Benzeneethanamine, .beta.-[3-(2,6-difluorophenyl)propoxy]-N-ethyl-2,6-dimethyl- (9CI) (CA INDEX NAME)



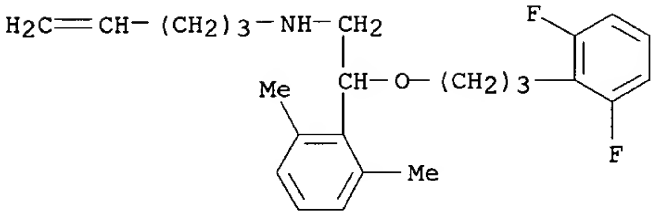
RN 401939-82-0 CAPLUS
CN Benzenepropanamine, N-[2-[3-(2,6-difluorophenyl)propoxy]-2-(2,6-dimethylphenyl)ethyl]- (9CI) (CA INDEX NAME)



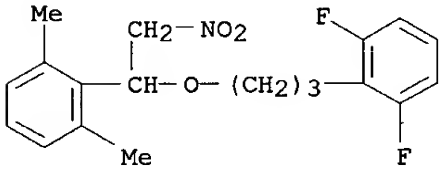


RN 401939-84-2 CAPLUS
CN Benzeneethanamine, .beta.-[3-(2,6-difluorophenyl)propoxy]-2,6-dimethyl-N-4-

pentenyl- (9CI) (CA INDEX NAME)



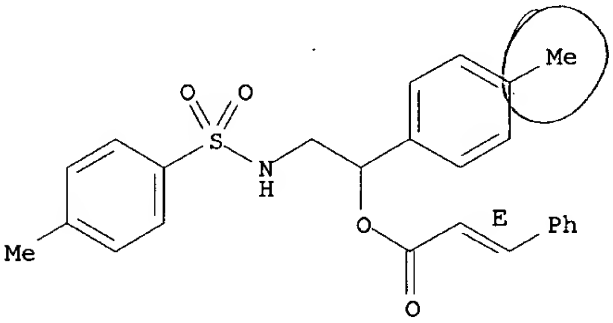
IT **401940-02-1P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(prepn. of phenylethanolamines and phenylalkylethanolamines as sodium channel blockers)
RN 401940-02-1 CAPLUS
CN Benzene, 2-[1-[3-(2,6-difluorophenyl)propoxy]-2-nitroethyl]-1,3-dimethyl- (9CI) (CA INDEX NAME)



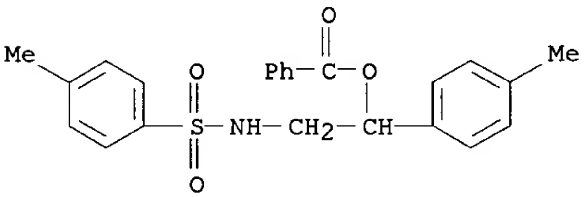
RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 3 OF 13 CAPLUS COPYRIGHT 2003 ACS
AN 2002:149710 CAPLUS
DN 137:154696
TI Indium triflate-catalyzed ring opening of aziridines with carboxylic acids
AU Yadav, J. S.; Subba Reddy, B. V.; Sadashiv, K.; Harikishan, K.
CS Division of Organic Chemistry, Indian Institute of Chemical Technology, Hyderabad, 500007, India
SO Tetrahedron Letters (2002), 43(11), 2099-2101
CODEN: TELEAY; ISSN: 0040-4039
PB Elsevier Science Ltd.
DT Journal
LA English
OS CASREACT 137:154696
AB Aziridines, e.g. I, react smoothly with carboxylic acids, e.g. acetic acid, in the presence of a catalytic amt. of indium triflate at ambient temp. to afford the corresponding .beta.-amino acetates and benzoates in high yields with high regioselectivity.
IT **445425-59-2P 445425-61-6P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(indium triflate-catalyzed regio- and stereoselective ring opening of aziridines with carboxylic acids)
RN 445425-59-2 CAPLUS
CN 2-Propenoic acid, 3-phenyl-, 1-(4-methylphenyl)-2-[[(4-methylphenyl)sulfonyl]amino]ethyl ester, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



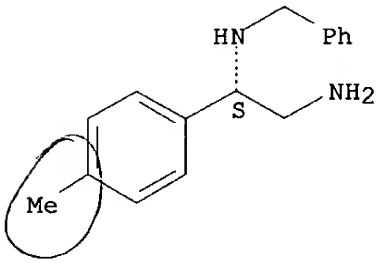
RN 445425-61-6 CAPLUS
CN Benzenesulfonamide, N-[2-(benzoyloxy)-2-(4-methylphenyl)ethyl]-4-methyl- (9CI) (CA INDEX NAME)



RE.CNT 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

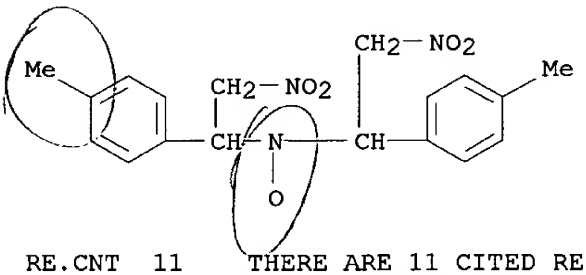
L6 ANSWER 4 OF 13 CAPLUS COPYRIGHT 2003 ACS
AN 1998:715815 CAPLUS
DN 130:153215
TI Syntheses of optically active .alpha.-amino nitriles by asymmetric transformation of the second kind using a principle of O. Dimroth
AU Hassan, Nasser A.; Bayer, Erwin; Jochims, Johannes C.
CS Fakultat fur Chemie, Universitat Konstanz, Konstanz, D-78434, Germany
SO Journal of the Chemical Society, Perkin Transactions 1: Organic and Bio-Organic Chemistry (1998), (22), 3747-3758
CODEN: JCPRB4; ISSN: 0300-922X
PB Royal Society of Chemistry
DT Journal
LA English
AB A mixt. of solids As and Bs in equil. with the dissolved compds. A1 and B1 is transformed completely into one pure solid, say Bs, if the dissolved compds. A1.rdblhar.eB1 are equilibrating in soln. This principle is applied to transform 1:1 mixts. of solid diastereomeric amygdalates (R,R)-I+(S,R)-I, prepd. from racemic .alpha.-amino nitriles (R,S)-II with (R)-mandelic acid into stereochem. pure single diastereomers (R,R)-I, or (S,R)-I (de > 97%) (asym. transformation of the second kind by application of Dimroth's principle). Decompn. of the amygdalates (R,R)-I, or (S,R)-I, with aq. base affords the enantiomerically pure .alpha.-amino nitriles (R)-II, or (S)-II. The chiral auxiliary (R)-mandelic acid is recovered almost quant. The optically active .alpha.-amino nitriles are hydrolyzed to amides or further to .alpha.-N-alkylamino acids. N-Benzylamino acids are hydrogenated to .alpha.-amino acids. Some of the optically active .alpha.-amino nitriles II are reduced to optically active 1,2-diamines. In most cases, abs. configurations could be assigned by comparison of the sp. rotations obsd. with those of authentic compds.
IT **220131-03-3P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of optically active amino acids and diamines via kinetic resoln. of .alpha.-amino nitriles)
RN 220131-03-3 CAPLUS
CN 1,2-Ethanediamine, 1-(4-methylphenyl)-N1-(phenylmethyl)-, (1S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).



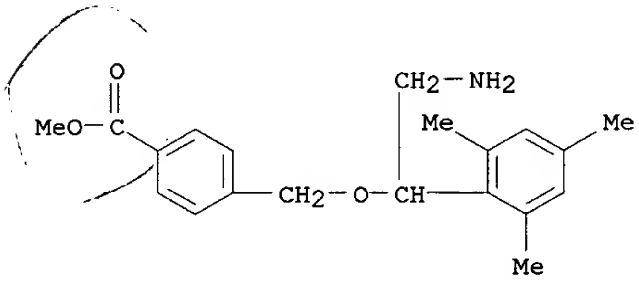
RE.CNT 59 THERE ARE 59 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 5 OF 13 CAPLUS COPYRIGHT 2003 ACS
AN 1998:367425 CAPLUS
DN 129:135789
TI Photochemical nitration by tetranitromethane. Part XLIII. Photolysis of some styrene derivatives with tetranitromethane: mechanism of isoxazolidine formation
AU Eberson, Lennart; Hartshorn, Michael P.; Persson, Ola
CS Department of Chemistry, Lund University, Lund, S-221 00, Swed.
SO Acta Chemica Scandinavica (1998), 52(6), 751-760
CODEN: ACHSE7; ISSN: 0904-213X
PB Munksgaard International Publishers Ltd.
DT Journal
LA English
OS CASREACT 129:135789
AB The photochem. reaction of tetranitromethane in dichloromethane or acetonitrile with 4-methylstyrene, styrene, 4-chlorostyrene, 3-chlorostyrene or 4-acetoxystyrene gives two stereoisomeric isoxazolidines, 2-(2'-nitro-1'-X-phenyl)ethoxy-3,3-dinitro-5-(X-phenyl)isoxazolidines, a nitro ketone, nitromethyl ketone, and a nitronic ester, 3-nitro-5-(X-phenyl)-2-isoxazoline N-oxide. In each case, the (RS,RS)-stereoisomer is the major isoxazolidine formed. The first step of the reaction is the photogeneration of the triad [2.cntdot.+ NO2 (NO2)3C-]. In the formation of isoxazolidines, and of the nitronic esters, the key intermediate is assumed to be the substituted aminoxyl, 3,3-dinitro-4-(X-phenyl)isoxazolidin-N-oxyl radical formed by reaction of the substituted styrene radical cation (2.cntdot.+) with trinitromethanide ion followed by cyclization of a resulting carbon radical.
IT **210537-21-6P**
RL: PRP (Properties); RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(photolysis of styrene derivs. with tetranitromethane and mechanism of isoxazolidine formation)
RN 210537-21-6 CAPLUS
CN Nitroxide, bis[1-(4-methylphenyl)-2-nitroethyl] (9CI) (CA INDEX NAME)

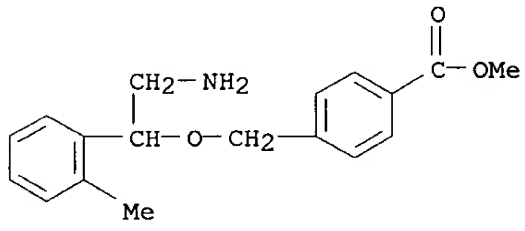


RE.CNT 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

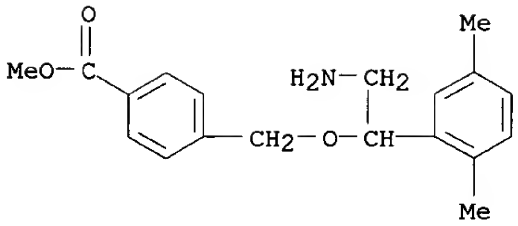
L6 ANSWER 6 OF 13 CAPLUS COPYRIGHT 2003 ACS
AN 1996:487416 CAPLUS
DN 125:247685
TI A solid-phase synthesis of miconazole analogs via an iodoetherification reaction
AU Tortolani, David R.; Biller, Scott A.
CS Bristol-Myers Squibb Pharm. Res. Inst., Princeton, NJ, 08543, USA
SO Tetrahedron Letters (1996), 37(32), 5687-5690
CODEN: TELEAY; ISSN: 0040-4039
PB Elsevier
DT Journal
LA English
AB A procedure for the prepn. of various analogs of miconazole, I and II (R = 2,4,6-Me3, 3,5-F2, 4-cyclohexylphenyl, 3-Br, etc.), on solid support is described. A novel iodoetherification transformation is utilized as the key synthetic step. Thus, treatment of 4-(HOCH2)C6H4CO2CH2-X (X = polymer resin) with 2,4,6-Me3C6H2CH:CH2 and N-iodosuccinimide in the presence of triflic acid gave the iodoethyl ether 2,4,6-Me3C6H2CH(CH2I)OCH2C6H4CO2CH2-X, while underwent substitution reaction with (trimethylsilyl)imidazole and then resin cleavage to give I (R = 2,4,6-Me3). This approach has been applied to the combinatorial synthesis of 45 analogs.
IT **182132-35-0P 182132-44-1P 182132-46-3P 182132-53-2P 182132-54-3P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(solid-phase synthesis of miconazole analogs via iodoetherification)
RN 182132-35-0 CAPLUS
CN Benzoic acid, 4-[[2-amino-1-(2,4,6-trimethylphenyl)ethoxy]methyl]-, methyl ester (9CI) (CA INDEX NAME)



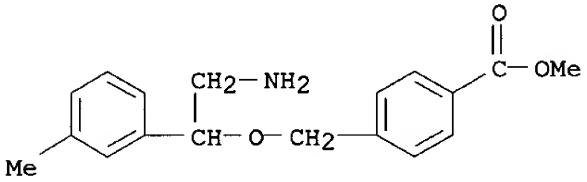
RN 182132-44-1 CAPLUS
CN Benzoic acid, 4-[[2-amino-1-(2-methylphenyl)ethoxy]methyl]-, methyl ester (9CI) (CA INDEX NAME)



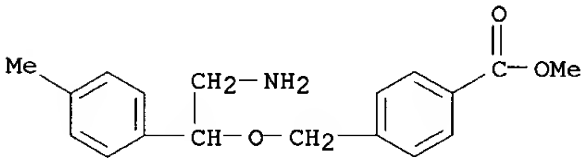
RN 182132-46-3 CAPLUS
CN Benzoic acid, 4-[[2-amino-1-(2,5-dimethylphenyl)ethoxy]methyl]-, methyl ester (9CI) (CA INDEX NAME)



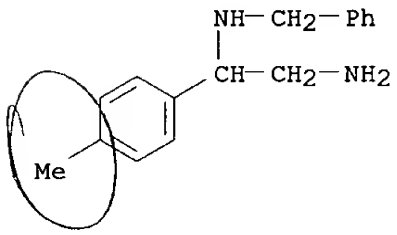
RN 182132-53-2 CAPLUS
CN Benzoic acid, 4-[[2-amino-1-(3-methylphenyl)ethoxy]methyl]-, methyl ester (9CI) (CA INDEX NAME)



RN 182132-54-3 CAPLUS
CN Benzoic acid, 4-[[2-amino-1-(4-methylphenyl)ethoxy]methyl]-, methyl ester (9CI) (CA INDEX NAME)

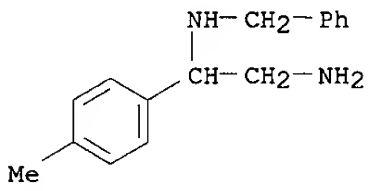


L6 ANSWER 7 OF 13 CAPLUS COPYRIGHT 2003 ACS
AN 1990:458588 CAPLUS
DN 113:58588
TI Adrenergic agents. II. 1-Aryl-N2-alkylethanediamines as isosters of adrenergic arylethanolamines
AU Berger, Sarah; Nudelman, Abraham
CS Chem. Dep., Bar Ilan Univ., Ramat Gan, 52900, Israel
SO Archiv der Pharmazie (Weinheim, Germany) (1990), 323(4), 229-33
CODEN: ARPMAS; ISSN: 0365-6233
DT Journal
LA English
OS CASREACT 113:58588
AB A family of 1-aryl-N2-alkylethanediamines ArCH(NHR)CH2NH2(I, Ar = substituted Ph, naphthyl, furyl, R = H) isosteric with the N-alkylarylethanolamines are described. Although the prepd. compds. were generally less potent than the N-alkylarylethanolamines, the 1-aryl-N'-(phenylmethyl)-N-alkyl-1,2-ethanediamine derivs. I (R = CH2Ph), are more active than the debenzylated free amino analogs, which may be indicative of the importance of the lipophilicity of the substituent at the .alpha. position to the arom. ring.
IT **40658-72-8P 110618-88-7P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(prepn. and isopropylation of)
RN 40658-72-8 CAPLUS
CN 1,2-Ethanediamine, 1-(4-methylphenyl)-N1-(phenylmethyl)-, dihydrochloride (9CI) (CA INDEX NAME)



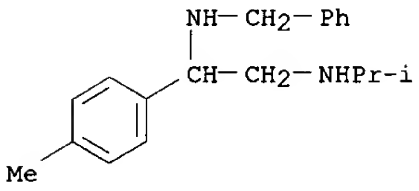
●2 HCl

RN 110618-88-7 CAPLUS
CN 1,2-Ethanediamine, 1-(4-methylphenyl)-N1-(phenylmethyl)- (9CI) (CA INDEX NAME)



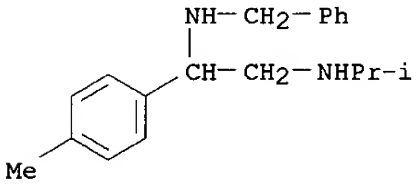
IT **128349-20-2P 128349-27-9P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn., adrenergic activity, and debenzylation of)
RN 128349-20-2 CAPLUS

CN 1,2-Ethanediamine, N2-(1-methylethyl)-1-(4-methylphenyl)-N1-(phenylmethyl)-, dihydrochloride (9CI) (CA INDEX NAME)

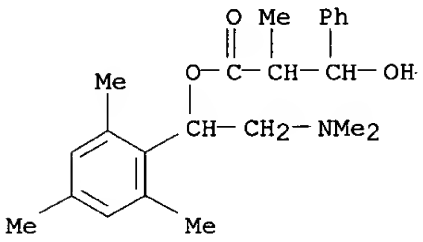


●2 HCl

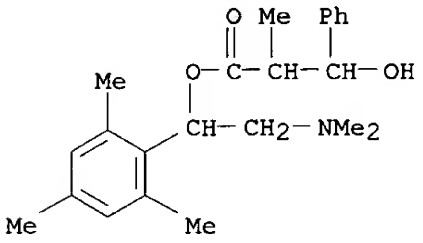
RN 128349-27-9 CAPLUS
CN 1,2-Ethanediamine, N2-(1-methylethyl)-1-(4-methylphenyl)-N1-(phenylmethyl)-(9CI) (CA INDEX NAME)



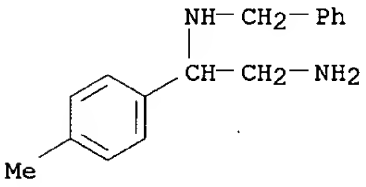
L6 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS
AN 1990:440077 CAPLUS
DN 113:40077
TI Auxiliary structure and asymmetric induction in the Mukaiyama-aldol reactions of chiral silyl ketene acetals
AU Gennari, Cesare; Molinari, Francesco; Cozzi, PierGiorgio; Oliva, Ambrogio
CS Dip. Chim. Org. Ind. Nat., Univ. Milano, Milan, 20133, Italy
SO Tetrahedron Letters (1989), 30(38), 5163-6
CODEN: TELEAY; ISSN: 0040-4039
DT Journal
LA English
OS CASREACT 113:40077
AB A variety of chiral auxiliaries [e.g., (1S,2R-Me2NCHMeCHPhOH, (S)-Me2NCH2CHMeOH] were prepd. and tested for levels of asym. induction control in the Mukaiyama-aldol reaction of chiral silyl ketene acetals. Structural features required for high levels of control are discussed.
IT **127677-18-3P 127759-16-4P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)
RN 127677-18-3 CAPLUS
CN Benzenepropanoic acid, .beta.-hydroxy-.alpha.-methyl-, 2-(dimethylamino)-1-(2,4,6-trimethylphenyl)ethyl ester, [.alpha.R-[.alpha.R*(S*),.beta.S*]]- (9CI) (CA INDEX NAME)



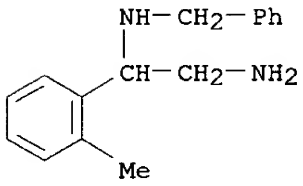
RN 127759-16-4 CAPLUS
CN Benzenepropanoic acid, .beta.-hydroxy-.alpha.-methyl-, 2-(dimethylamino)-1-(2,4,6-trimethylphenyl)ethyl ester, [.alpha.R-[.alpha.R*(S*),.beta.R*]]- (9CI) (CA INDEX NAME)



L6 ANSWER 9 OF 13 CAPLUS COPYRIGHT 2003 ACS
AN 1987:554281 CAPLUS
DN 107:154281
TI Derivatives of 5-phenylimidazolidin-2-one
AU Tkaczynski, Tadeusz; Tkaczynska, Danuta
CS Dep. Chem. Technol. Pharm. Prod., Sch. Med., Lublin, 20-081, Pol.
SO Acta Poloniae Pharmaceutica (1986), 43(4), 319-21
CODEN: APPHAX; ISSN: 0001-6837
DT Journal
LA Polish
OS CASREACT 107:154281
AB Ten title derivs. I (R = H, R1 = Et, Pr, Bu, Me2CHCH2; R = 2-Cl, R1 = Me, Me2CHCH2, PhCH2; R = 4-Cl, R1 = Me; R = 4-Me, R1 = Me, PhCH2) were prepd. in 40-78% yields by heating the corresponding RC6H4CH(NHR1)CH2NH2 (R and R1 as above) with urea.
IT **110618-88-7**
RL: RCT (Reactant); RACT (Reactant or reagent)
(cyclocondensation of, with urea, imidazolidinone deriv. from)
RN 110618-88-7 CAPLUS
CN 1,2-Ethanediamine, 1-(4-methylphenyl)-N1-(phenylmethyl)- (9CI) (CA INDEX NAME)

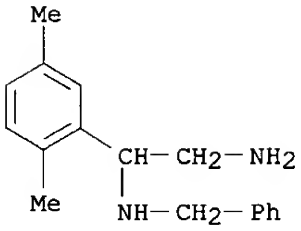


L6 ANSWER 10 OF 13 CAPLUS COPYRIGHT 2003 ACS
AN 1984:174724 CAPLUS
DN 100:174724
TI Synthesis and central nervous system properties of 2-[(alkoxycarbonyl)amino]-4(5)-phenyl-2-imidazolines
AU Weinhardt, Klaus; Beard, Colin C.; Dvorak, Charles; Marx, Michael; Patterson, John; Roszkowski, Adolph; Schuler, Margery; Unger, Stefan H.; Wagner, Paul J.; Wallach, Marshall B.
CS Inst. Org. Chem., Syntex Res., Palo Alto, CA, 94304, USA
SO Journal of Medicinal Chemistry (1984), 27(5), 616-27
CODEN: JMCMAR; ISSN: 0022-2623
DT Journal
LA English
AB The title compds. e.g. I [R = (un)substituted Ph, R1 = H, alkyl; R2 = alkoxycarbonyl, R3 = H, Me; RR3 = o-C6H4CH2) were prepd. from 1,2-diamines and MeSC(:NR2)NHR2. I were evaluated for central nervous system (CNS) effects (antidepressant, anticonvulsant, muscle relaxant, and depressant) in animal models. Some sepn. of those CNS activities was achieved through substitutions on the Ph and imidazoline moieties. Halo-substituted Ph compds. were among the most potent antidepressants, while imidazoline N-alkylation produced compds. with increased depressant effects (loss of righting reflex, mouse behavior). Comparison of in vitro and in vivo data for pairs of 2-[(methoxycarbonyl)amino]-4(5)-phenyl-2-imidazolines and their parent 2-amino-4(5)-phenyl-2-imidazolines, suggests that I were prodrugs for the latter in inhibition of norepinephrine reuptake.
IT **89145-86-8P 89145-99-3P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. and cyclocondensation with bis(alkoxycarbonyl) derivs. of methylthiopseudourea, imidazoline deriv. from)
RN 89145-86-8 CAPLUS
CN 1,2-Ethanediamine, 1-(2-methylphenyl)-N1-(phenylmethyl)-, dihydrochloride (9CI) (CA INDEX NAME)



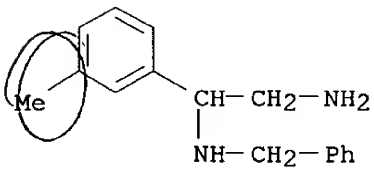
●2 HCl

RN 89145-99-3 CAPLUS
CN 1,2-Ethanediamine, 1-(2,5-dimethylphenyl)-N1-(phenylmethyl)-, dihydrochloride (9CI) (CA INDEX NAME)



●2 HCl

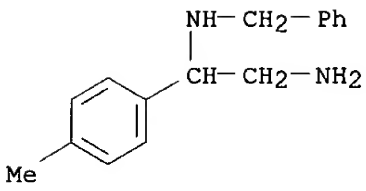
L6 ANSWER 11 OF 13 CAPLUS COPYRIGHT 2003 ACS
AN 1974:10249 CAPLUS
DN 80:10249
TI Antihypertensive agents. Synthesis and biological properties of 2-amino-4-aryl-2-imidazolines
AU Matier, W. L.; Owens, D. A.; Comer, W. T.; Deitchman, D.; Ferguson, H. C.; Seidehamel, R. J.; Young, J. R.
CS Dep. Chem. Res., Mead Johnson Res. Cent., Evansville, IN, USA
SO Journal of Medicinal Chemistry (1973), 16(8), 901-8
CODEN: JMCMAR; ISSN: 0022-2623
DT Journal
LA English
AB The antihypertensive activity of 2-amino-4-aryl-2-imidazolines showed no close correlation with peripheral neuronal norepinephrine [51-41-2] uptake or release (mouse heart in vivo), sympathetic neuronal blocking activity (rabbit jejunum in vitro), or prevention of reserpine-induced ptosis in mice. Greatest antihypertensive activity was shown by 2-amino-4-(3,4-dichlorophenyl)-2-imidazoline-HBr (I) [43026-98-8] (5 mg/kg s.c. in DOCA-hypertensive rats); I was also active orally in DOCA-hypertensive and spontaneously hypertensive rats and was more potent than guanethidine or bethanidine. I was also the most potent inhibitor of norepinephrine release and uptake and moderately active as a neuronal blocker. 4-(2-Chlorophenyl)-2-hydrazino-2-imidazoline-HI [43026-99-9] and 2-benzylidenehydrazino-4-(2-chlorophenyl)-2-imidazoline-HI [43027-00-5] were the most potent neuronal blockers in the series, being 10 times as potent as bethanidine, and were among the most potent stimulants of norepinephrine release and moderately active as antihypertensive agents. I was prepd. by cyclizing the appropriate .beta.-aminophenylethylamine with BrCN.
IT **40658-71-7P 40658-72-8P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)
RN 40658-71-7 CAPLUS
CN 1,2-Ethanediamine, 1-(3-methylphenyl)-N1-(phenylmethyl)-, dihydrochloride (9CI) (CA INDEX NAME)



2 second CH_3
CH_3 position different.

●2 HCl

RN 40658-72-8 CAPLUS
CN 1,2-Ethanediamine, 1-(4-methylphenyl)-N1-(phenylmethyl)-, dihydrochloride (9CI) (CA INDEX NAME)



● 2 HCl

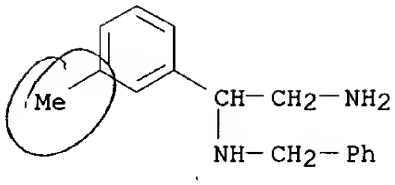
L6 ANSWER 12 OF 13 CAPLUS COPYRIGHT 2003 ACS
AN 1973:136297 CAPLUS
DN 78:136297
TI Neuron blocking antihypertensive 2-amino-4-phenyl-2-imidazoline salts
IN Matier, William Lesley; Comer, William Timmey
PA Bristol-Myers Co.
SO Ger. Offen., 68 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 2240256	A1	19730222	DE 1972-2240256	19720816
	CA 1018174	A1	19770927	CA 1972-148323	19720731
	FR 2150766	A1	19730413	FR 1972-29037	19720811
	ZA 7205522	A	19730425	ZA 1972-5522	19720811
	GB 1347930	A	19740227	GB 1972-37488	19720811
	IL 40123	A1	19750522	IL 1972-40123	19720814
	AU 7245593	A1	19740221	AU 1972-45593	19720815
	HU 165660	P	19741028	HU 1972-BI451	19720815
	CH 579055	A	19760831	CH 1972-12081	19720815
	CH 591451	A	19770915	CH 1975-13579	19720815
	DK 139098	C	19790528	DK 1972-4039	19720815
	DK 139098	B	19781218		
	SE 406763	C	19790607	SE 1972-10578	19720815
	SE 406763	B	19790226		
	BE 787617	A1	19730216	BE 1972-121019	19720816
	NL 7211173	A	19730220	NL 1972-11173	19720816
	JP 48029770	A2	19730419	JP 1972-81545	19720816
	JP 57019106	B4	19820420		
	US 3898342	A	19750805	US 1974-477718	19740610
PRAI	US 1971-172321		19710816		
	US 1972-268380		19720703		

AB About forty title salts [I, Rn = Cl, Me, 4-CF3, 2,4-Cl2, 2,6-Cl2, 4-MeO, 4-PhCH2O; R1 = H, Me, NHOH, N:CMe2, (CH2)3NMe2, Bz, CH2Ph, N:CHPh; R2 = H, PhCH2; X = Cl, Br, iodide, 0.5 fumarate] were prepd. and used as neuron blockers and antihypertensives. Thus, treatment of o-ClC6H4CHO with NaCN and PhCH2NH2.HCl for 5 hr in aq. MeOH gave PhCH2NHCH(CN)C6H4Cl-o.HCl (II). Similarly prepd. were .apprx.20 other aminophenylacetonitriles. The free base of II was reduced with LiAlH4 in Et2O under N and HCl added to give 97% PhCH2NHCH(CH2NH2)C6H4Cl-o.HCl (III). Similarly prepd. were .apprx.20 other 1-phenylethylenediamines. Hydrogenation of III over Pd/C in MeOH gave o-ClC6H4CH(NH3NH2.2HCl (IV)). Treatment of the free base of IV with BrCN in benzene for 4 hr at room temp. gave I (Rn = o-Cl, R1 = R2 = H, X = Br).

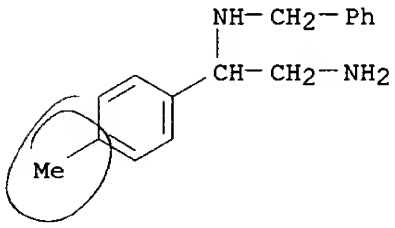
IT **40658-71-7P 40658-72-8P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)

RN 40658-71-7 CAPLUS
CN 1,2-Ethanediamine, 1-(3-methylphenyl)-N1-(phenylmethyl)-, dihydrochloride (9CI) (CA INDEX NAME)



●2 HCl

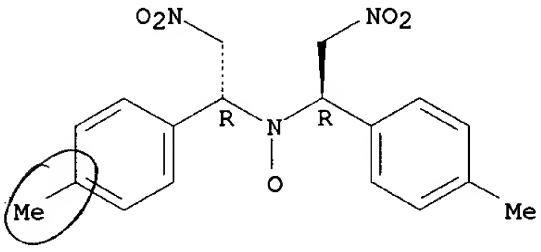
RN 40658-72-8 CAPLUS
CN 1,2-Ethanediamine, 1-(4-methylphenyl)-N1-(phenylmethyl)-, dihydrochloride (9CI) (CA INDEX NAME)



●2 HCl

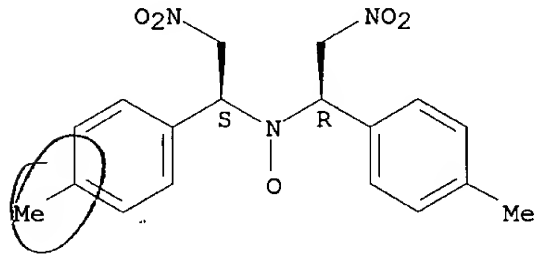
L6 ANSWER 13 OF 13 CAPLUS COPYRIGHT 2003 ACS
AN 1972:3004 CAPLUS
DN 76:3004
TI Electron spin resonance study of nitroxides formed in the reaction of nitrogen dioxide and nitrogen oxide with styrenes
AU Jonkman, Leffert; Muller, Hans; Kommandeur, Jan
CS Lab. Phys. Chem., Univ. Groningen, Groningen, Neth.
SO Journal of the American Chemical Society (1971), 93(22), 5833-8
CODEN: JACSAT; ISSN: 0002-7863
DT Journal
LA English
AB When NO2 reacts with styrenes ACR:CH2 (A = Ph, 2,4,6-Me3C6H2; R = H, Me) in the presence of nitrosobenzene, phenyl(1-aryl-2-nitroethyl) nitroxides ACR(CH2NO2)N(O)Ph are formed through the reaction of .beta.-nitroalkyl radicals .bul.CARCH2NO2 (I) with nitrosobenzene. In the reaction of NO2-NO mixts. with styrenes, bis(1-aryl-2-nitroethyl) nitroxides ON(CARCH2NO2)2 (II) are formed by the reaction of I with the .alpha.-nitroso-.beta.-nitro addn. products ACR(NO)CH2NO2 (III) of the styrenes. Both diastereomers of II (meso, and d,l) were observed with all styrenes investigated, except for those with ortho substituents. Dissocn. of the dimer of III is accompanied by decompn. of III into NO and the radical I with subsequent formation of the nitroxide II.
IT **34817-97-5 34940-04-0**
RL: PRP (Properties)
(E.S.R. of)
RN 34817-97-5 CAPLUS
CN Nitroxide, bis[1-(4-methylphenyl)-2-nitroethyl], (R*,R*)- (9CI) (CA INDEX NAME)

Relative stereochemistry.



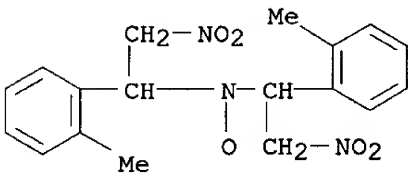
RN 34940-04-0 CAPLUS
CN Nitroxide, bis[1-(4-methylphenyl)-2-nitroethyl], (R*,S*)- (9CI) (CA INDEX NAME)

Relative stereochemistry.

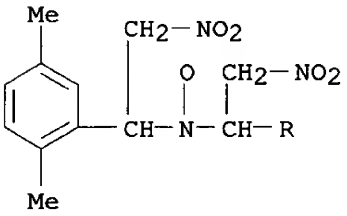


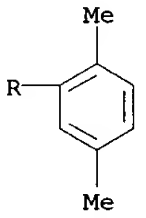
IT **34818-03-6 34818-04-7 34818-05-8**

34818-06-9 34818-07-0
RL: PRP (Properties)
(ESR of)
RN 34818-03-6 CAPLUS
CN Nitroxide, bis[1-(2-methylphenyl)-2-nitroethyl] (9CI) (CA INDEX NAME)

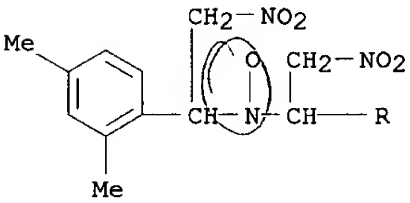


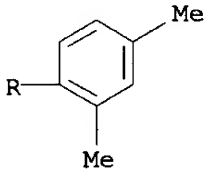
RN 34818-04-7 CAPLUS
CN Nitroxide, bis[1-(2,5-dimethylphenyl)-2-nitroethyl] (9CI) (CA INDEX NAME)



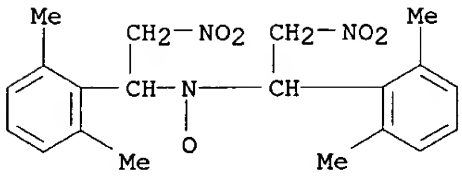


RN 34818-05-8 CAPLUS
CN Nitroxide, bis[1-(2,4-dimethylphenyl)-2-nitroethyl] (9CI) (CA INDEX NAME)

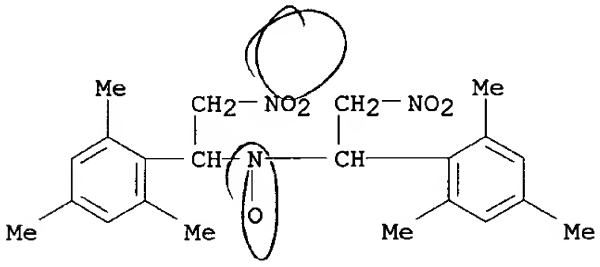




RN 34818-06-9 CAPLUS
CN Nitroxide, bis[1-(2,6-dimethylphenyl)-2-nitroethyl] (9CI) (CA INDEX NAME)



RN 34818-07-0 CAPLUS
CN Nitroxide, bis[2-nitro-1-(2,4,6-trimethylphenyl)ethyl] (9CI) (CA INDEX NAME)



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L2           20 S L1 SSS SAM
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     FILE 'CAOLD' ENTERED AT 08:07:05 ON 04 JUN 2003

=> s l5
L7            1 L5

=> d bib,hitstr
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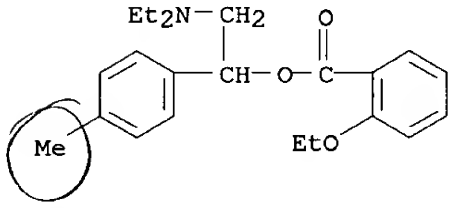
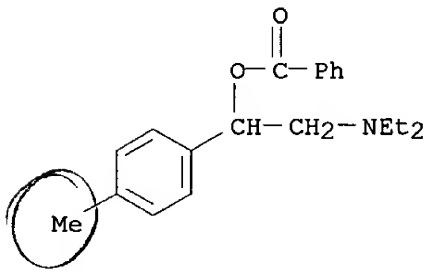
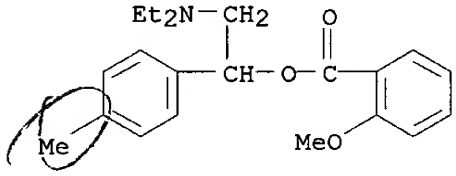
L7 ANSWER 1 OF 1 CAOLD COPYRIGHT 2003 ACS
AN CA55:1577c CAOLD
TI local anesthetics - (I) esters of 2-(dialkylamino)-1-phenylethanols, (II) esters of 2-amino-1-phenyl- and 2-amino-2-phenylethanols
AU Shapiro, Seymour L.; Soloway, H.; Chodos, E.; Freedman, L.
IT **102700-75-4 110146-64-0 110245-22-2 110246-39-4**
RN 102700-75-4 CAOLD
CN Benzoic acid, o-ethoxy-, .alpha.-(diethylaminomethyl)-p-methylbenzyl ester (6CI) (CA INDEX NAME)



RN 110146-64-0 CAOLD
CN Benzyl alcohol, .alpha.-(diethylaminomethyl)-p-methyl-, benzoate (6CI) (CA INDEX NAME)



RN 110245-22-2 CAOLD
CN o-Anisic acid, .alpha.-(diethylaminomethyl)-p-methylbenzyl ester (6CI) (CA INDEX NAME)



RN 110246-39-4 CAOLD
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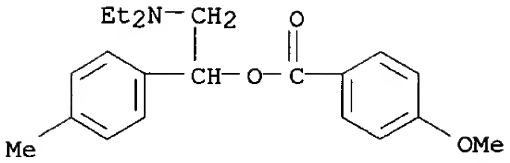
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C
O
Me
OMe

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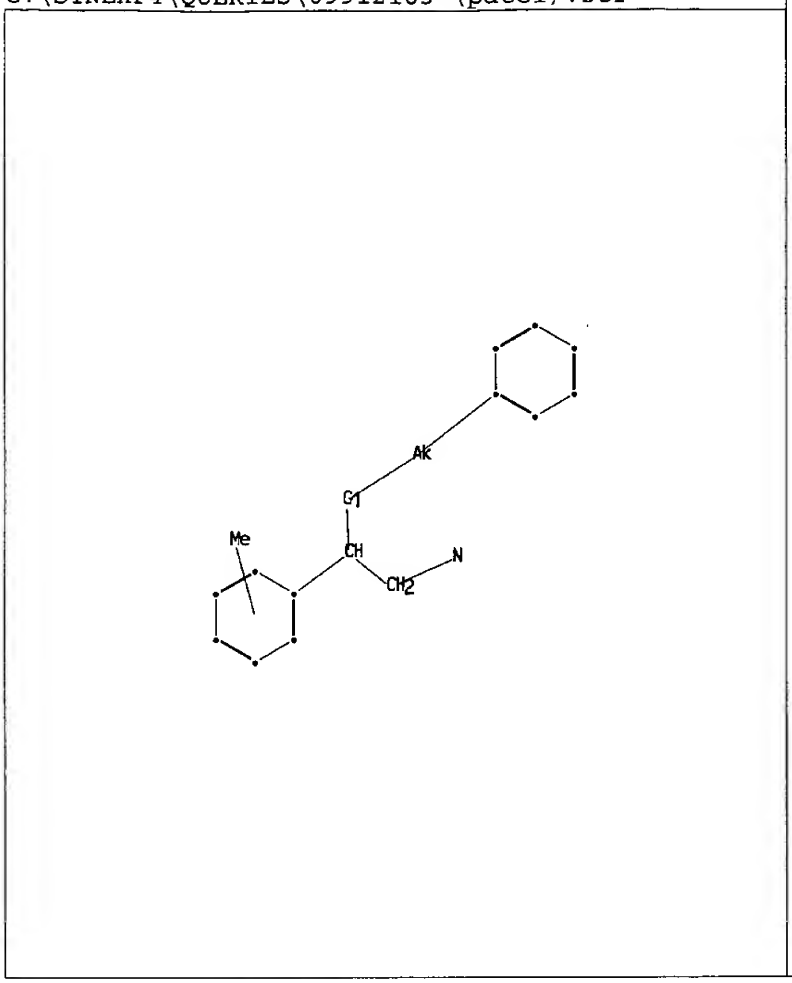

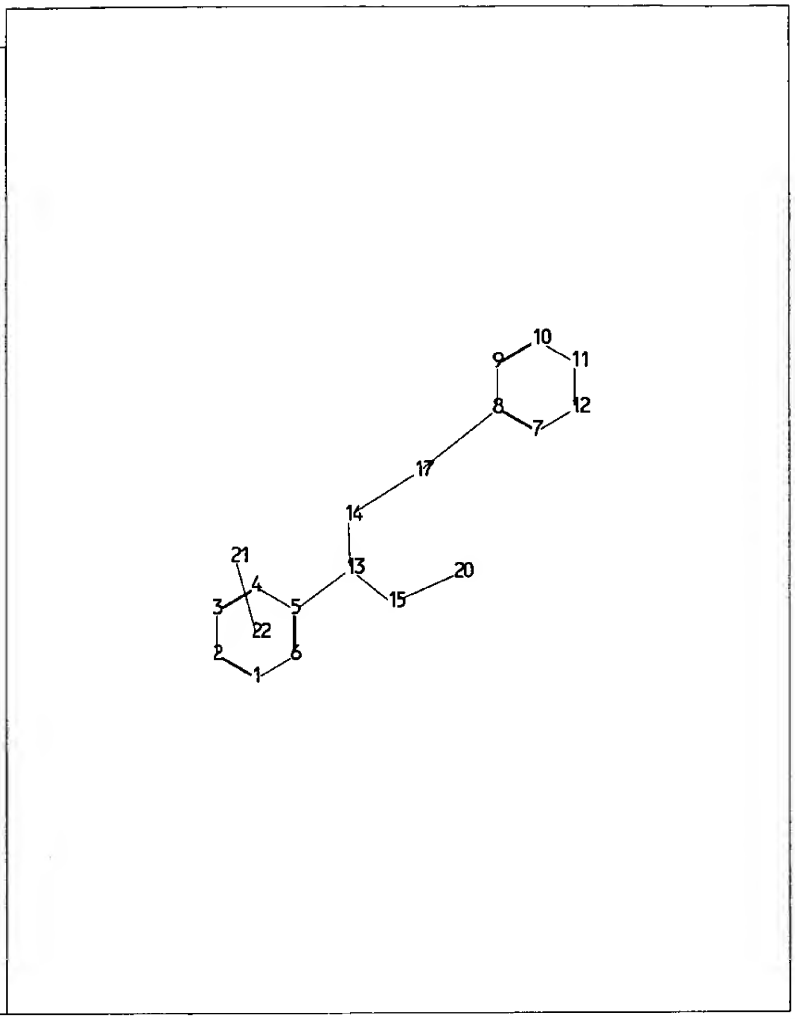

chain nodes :
13 14 15 17 20 21
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12
chain bonds :
5-13 8-17 13-14 13-15 14-17 15-20
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12
exact/norm bonds :
8-17 13-14 14-17
exact bonds :
5-13 13-15 15-20
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12
isolated ring systems :
containing 1 : 7 :

G1:O,N

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:Atom
12:Atom 13:CLASS 14:CLASS 15:CLASS 17:CLASS 20:CLASS 21:CLASS 22:CLASS
Element Count :
Node 17: Limited
C,C1-7